CONTENTS OF VOLUME 32, 2005

Pages

No. 1 MARCH 2005

PAPERS

Rethinking protected area categories and the new paradigm
By *Harvey Locke and Philip Dearden* 1

Island-specific preferences of tourists for environmental features: implications of climate change for tourism-dependent states
By *Maria C. Uyarra, Isabelle M. Côté, Jennifer A. Gill, Rob R. T. Tinch, David Viner and Andrew R. Watkinson* 11

Long-term spatio-temporal dynamics of a hedgerow network landscape in Flanders, Belgium
By *B. Deckers, E. Kerselaers, H. Gulinck, B. Muys and M. Hermy* 20

Human-disturbed landscapes: effects on composition and integrity of riparian woody vegetation in the Tagus River basin, Portugal
By *Francisca C. Aguiar and Maria Teresa Ferreira* 30

Factors influencing resource users and managers' perceptions towards marine protected area management in Kenya
By *Timothy McClanahan, Jamie Davies and Joseph Maina* 42

Conservation outside of parks: attitudes of local people in Laikipia, Kenya
By *Michelle E. Gadd* 50

User perceptions of conservation and participatory management of iGxalingenwa forest, South Africa
By *John Robertson and Michael J. Lawes* 64

The effect of catena position and stump characteristics on the coppice response of three savannah fuelwood species
By *S. A. Kaschula, W. C. Twine and M. C. Scholes* 76

Valuing ecosystem functions: an empirical study on the storm protection function of Bhitarkanika mangrove ecosystem, India
By *Ruchi Badola and S. A. Hussain* 85

BOOK REVIEWS

The Promise and Performance of Environmental Conflict Resolution, edited by Rosemary O'leary and Lisa B. Bingham (SALEEM H. ALI); *Feed or Feedback. Agriculture, Population Dynamics and the State of the Planet*, by A. Duncan Brown (WIN KURLFINK); *Food Webs at the Landscape Level*, edited by Gary A. Polis, Mary E. Power and Gary R. Huxel (TIM McCLANAHAN); *Mediated Modelling: a Systems Dynamic Approach to Environmental Consensus Building*, by Marjan Van Den Belt (ROBIN B. MATTHEWS); *Alien Species and Evolution. The Evolutionary Ecology of Exotic Plants, Animals, Microbes, and Interacting Native Species*, by George W. Cox (ROBERT H. COWIE); *Blood and Oil: the Dangers and Consequences of America's Growing Petroleum Dependency*, by Michael T. Klare (ARTHUR H. WESTING); *Assembly Rules and Restoration Ecology: Bridging the Gap Between Theory and Practice*, edited by Vicky M. Temperton, Richard J. Hobbs, Tim Nuttle and Stefan Halle (TRUMAN P. YOUNG); *The Kruger Experience: Ecology and Management of Savanna Heterogeneity*, edited by Johan T. Du Toit, Kevin H. Rogers and Harry C. Biggs (LINDSEY GILLSON) 93

No. 2 JUNE 2005

COMMENT

The introduction of artificial structures on marine soft- and hard-bottoms: ecological implications of epibiota
By *Fabio Bulleri* 101

PAPERS

A palaeoenvironmental reconstruction to aid in the restoration of floodplain and wetland habitat on an upper deltaic plain, California, USA
By *K. J. Brown and G. B. Pasternack* 103

An evaluation of mapped species distribution models used for conservation planning
By *Chris J. Johnson and Michael P. Gillingham* 117

Is mahogany dysgenically selected?
By *J. P. Cornelius, C. M. Navarro, K. E. Wightman and S. E. Ward* 129

Agriculture expansion and deforestation in seasonally dry forests of north-west Argentina
By *H. Ricardo Grau, N. Ignacio Gasparri and T. Mitchell Aide* 140

Conservation units: a new deforestation frontier in the Amazonian state of Rondônia, Brazil
By *M. A. Pedlowski, E. A. T. Matricardi, D. Skole, S. R. Cameron, W. Chomentowski, C. Fernandes and A. Lisboa* 149

A framework for understanding community resident perceptions of Masoala National Park, Madagascar
By *Alison Ormsby and Beth A. Kaplin* 156

Evaluating conditions for successful co-management of subsistence fisheries in KwaZulu-Natal, South Africa
By *Victoria R. Napier, George M. Branch and Jean M. Harris* 165

Soil faunal biodiversity and nutrient status in silvopastoral systems of Indian desert
By *G. Tripathi, S. Ram, B. M. Sharma and G. Singh* 178

BOOK REVIEWS
Tourism, Recreation and Climate Change, edited by C. Michael Hall and James Higham (RICHARD S. J. TOL); *The Fire Ant Wars: Nature, Science, and Public Policy in Twentieth-Century America*, by Joshua Blu Buhs (STERLING EVANS); *Indigenous Knowledge and Ethics. A Darrell Posey Reader*, edited by Kristina Plenderleith (HELEN NEWING); *In Search of the Rain Forest*, edited by Candice Slater (ROBERT M. EWERS); *The New Consumers: the Influence of Affluence on the Environment*, by Norman Myers and Jennifer Kent (JOEL DARMSTADTER); *Conservation*, by Clive Hambler (DAVE HODGSON); *Conserving Biodiversity in Agricultural Landscapes: Model-Based Planning Tools*, edited by Robert K. Swihart and Jeffrey E. Moore (THOMAS M. GEHRING); *Isle of Fire. The Political Ecology of Landscape Burning in Madagascar*, by Christian A. Kull (PAUL LARIS) 189

No. 3 SEPTEMBER 2005

COMMENTS
Unleashing the wild: response to Locke and Dearden's 'rethinking protected area categories'
By *Diego Martino* 195

Exercise-based transportation reduces oil dependence, carbon emissions and obesity
By *Paul A. T. Higgins* 197

The expansion of agriculture in the Brazilian Amazon
By *Marcelo Fragomeni Simon and Fernando Luis Garagorry* 203

Variation in fishers' attitudes within an inshore fishery: implications for management
By *Elizabeth A. Richardson, Michel J. Kaiser and Gareth Edwards-Jones* 213

Grit selection in waterfowl and how it determines exposure to ingested lead shot in Mediterranean wetlands
By *Jordi Figuerola, Rafael Mateo, Andy J. Green and Jean-Yves Mondain-Monval* 226

Exploring the use of Viagra in place of animal and plant potency products in traditional Chinese medicine
By *William von Hippel, Frank A. von Hippel, Norman Chan and Clara Cheng* 235

Effectiveness of community involvement in delivering conservation benefits to the Annapurna Conservation Area, Nepal
By *Siddhartha B. Bajracharya, Peter A. Furley and Adrian C. Newton* 239

Effects of biomass extraction on vegetation structure, diversity and composition of forests in Sariska Tiger Reserve, India
By *Raman Kumar and Ghazala Shahabuddin* 248

Mortality of sarus cranes (*Grus antigone*) due to electricity wires in Uttar Pradesh, India
By *K. S. G. Sundar and B. C. Choudhury* 260

A model for measuring natural area values and park preferences
By *Caroline Winter and Michael Lockwood* 270

BOOK REVIEWS
The Lakes Handbook Volume 2, Lake Restoration and Rehabilitation, edited by Patrick O'Sullivan and Colin S. Reynolds (KENTON M. STEWART); *The Politics of Air Pollution. Urban Growth, Ecological Modernization, and Symbolic Inclusion*, by George A. Gonzalez (DANIEL PRESS); *Earth System Analysis for Sustainability*, edited by Hans Joachim Schellhuber, Paul J. Crutzen, William C. Clark, Martin Clausen and Herman Held (JEAN-DANIEL SAPHORES); *Getting Biodiversity Projects to Work. Towards More Effective Conservation and Development*, edited by Thomas O. McShane and Michael P. Wells (GEORGE ROBINSON); *Key Issues for Mountain Areas*, edited by Martin F. Price, Libor Jansky and Andrea A. Iatsenia (DAVID L. PETERSON); *Conservation. Linking Ecology, Economics, and Culture*, by Monique Borgerhoff Mulder and Peter Coppolillo (DANIEL SIMBERLOFF); *Marine Protected Areas for Whales, Dolphins and Porpoises: a World Handbook for Cetacean Habitat Conservation*, by Erich Hoyt (BEN WILSON); *Soils: Genesis and Geomorphology*, by Randall Schaetzl and Sharon Anderson (PAUL FARRES) 279

No. 4 DECEMBER 2005

COMMENT
Economic valuation of non-marketed wild edible plants in Thailand
By *Claudio O. Delang* 285

PAPERS
Preferences for environmental issues among environmentally-concerned citizens in six countries
By *Knut Lehre Seip, Miguel Alvarez Cobelas, Sylvain Doledec, Jinghua Fang, Val H. Smith and Olga S. Vorontsova* 288

Applying the ecological footprint to ecotourism scenarios
By *Colin Hunter and Jon Shaw* 294

Magnitude and inferred impacts of the seahorse trade in Latin America
By *Julia K. Baum and Amanda C. J. Vincent* 305

Predation of artificial Xantus's murrelet (*Synthliboramphus hypoleucus scrippsi*) nests before and after black rat (*Rattus rattus*) eradication
By *Holly P. Jones, R. Williamhenry III, Gregg R. Howald, Bernie R. Tershy and Donald A. Croll* 320

Benefits and costs of illegal grazing and hunting in the Serengeti ecosystem
By *J. W. Nyahongo, M. L. East, F. A. Mturi and H. Hofer* 326

The value of a long-term bushmeat market dataset as an indicator of system dynamics
By *D. J. Crookes, N. Ankudey and E. J. Milner-Gulland* 333

Contrasts in availability and consumption of animal protein in Bioko Island, West Africa: the role of bushmeat
By *Lise Albrechtsen, John E. Fa, Brigid Barry and David W. MacDonald* 340

Protected area managers' perceptions of community conservation training in West and Central Africa
By *Paul Scholte, Wouter T. de Groot, Zacharie Mayna and Talla* 349

Forest cover change patterns in Myanmar (Burma) 1990–2000
By *Peter Leimgruber, Daniel S. Kelly, Marc K. Steininger, Jake Brunner, Thomas Müller and Melissa Songer* 356

Co-managing environmental research: lessons from two cross-cultural research partnerships in New Zealand
By *P. O'B. Lyver* 365

BOOK REVIEWS
Amphibians and Reptiles of New Mexico, by William G. Degenhardt, Charles W. Painter and Andrew H. Price (BRIAN I. CROTHER); *Ecological Bulletins 51. Targets and Tools for the Maintenance of Forest Biodiversity*, edited by Per Angelstam, Monika Dönz-Breuss and Jean-Michel Roberge (OLIVIER HONNAY); *The Politics of Fisheries in the European Union*, by Christian Lequesne (TREVOR J. WILLIS); *Responsibility in World*

Business: Managing Harmful Side-Effects of Corporate Activity, edited by Lene Bomann-Larsen and Oddny Wiggen (ROBERT GALE); *Insect Diversity Conservation*, by Michael J. Samways (OWEN T. LEWIS); *Sampling Rare or Elusive Species. Concepts, Designs and Techniques for Estimating Population Parameters*, edited by William L. Thompson (RICHARD A. GRIFFITHS); *Soil Erosion and Conservation. Third Edition*, by R. P. C. Morgan (R. J. RICKSON); *Disconnected Rivers. Linking Rivers to Landscapes*, by Ellen Wohl (BJORN MALMQVIST) 371